

Application No. 10/582,572
Reply To Office Action Dated April 3, 2008
Response Dated July 9, 2008

Please cancel claims 1- 10, and add new claims 11 - 17.

Listing of Claims:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (New) Ram air channel(10) for the supply of ambient air in an aircraft, comprising:
 - a first air inlet (12);
 - a main flow channel (16) extending downstream of the first air inlet (12);
 - a second air inlet (24) independent from the first air inlet (12);
 - a movable element (36) for setting a flow cross-section of the second air inlet (24); and
 - a device (25) for creating low pressure in the area of the second air inlet (24) so as to move the movable element (36) into a first position which at least partially opens the flow cross-section of the second air inlet (24).

12. (New) Ram air channel in accordance with claim 11 wherein the second air inlet (24) is connected to the main flow channel (16) of the ram air channel (10) by a side channel (22) which extends at a predetermined angle to the main flow channel (16).

13. (New) Ram air channel in accordance with claim 11 wherein the first air inlet (12) has a constant flow cross-section.

14. (New) Ram air channel in accordance with claim 11 wherein the movable element (36) is in the form of a flap which rotates about an axis (34).

15. (New) Ram air channel in accordance with claim 11, further comprising:

an electro-mechanical control device (35) operable to move the movable element (36) between the first position which at least partially opens the flow cross-section of the second air inlet (24), and a second position which closes the flow cross-section of the second air inlet (24).

16. (New) Ram air channel in accordance with claim 11, further comprising:

a mechanical device (37) operable to hold the movable element (36) in the first position to at least partially open the flow cross-section of the second air inlet (24), or in a second position to shut the flow cross-section of the second air inlet (24).

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17. (New) Process for the operation of a ram air channel (20) in accordance with claim 1, wherein during the flight the movable element (36) is in the second position to close the flow cross-section of the second air inlet (24) so that ambient air is supplied only by the first air inlet (12) and wherein when the aircraft is on the ground the movable element (36) is moveable into the first position by low pressure created by the device (25) in the area of the second air inlet (24), thereby to at least partially open the flow cross-section of the second air inlet (24) so that ambient air is supplied by the first and the second air inlets (12, 24)